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**DOCUMENT-IDENTIFIER:** JP 57124027 A  
**TITLE:** MOTORCYCLE WITH ENGINE WITH TURBO-SUPERCHARGER  
**PUBN-DATE:** August 2, 1982

**INVENTOR-INFORMATION:**

NAME	COUNTRY
INOUE, KAZUO	
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**ASSIGNEE-INFORMATION:**

NAME	COUNTRY
HONDA MOTOR CO LTD	N/A

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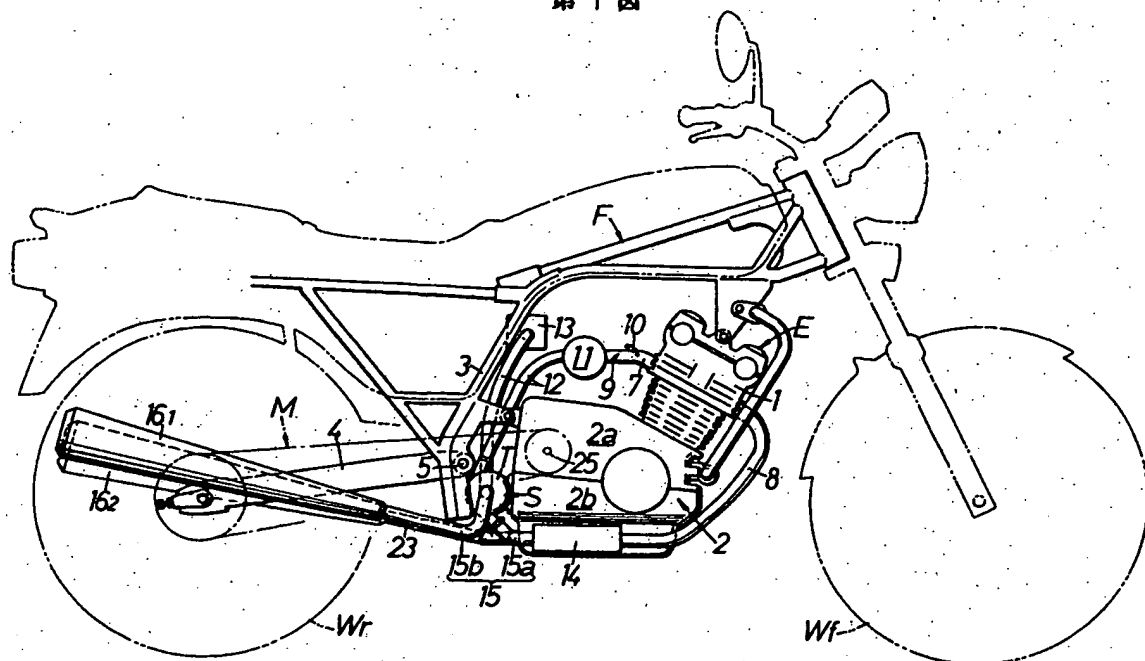
**ABSTRACT:**

**PURPOSE:** To reliably control supercharged pressures in a motorcycle on which an engine with a turbo-supercharger is mounted, by respectively connecting the first and the second muffler at the lower and upstream sides of the supercharger turbine.

**CONSTITUTION:** An exhaust gas from an exhaust pipe 8 passes through a turbine T via a common exhaust pipe 15 to force a turbine wheel 18 to drive a compressor wheel 20 and is thereafter released into atmosphere via the first muffler 161. In this operation, if a pressure at an outlet of a compressor C is increased over a specified value, a control valve 24 is appropriately opened and some of an exhaust gas fed into an exhaust manifold 14 is thereby allowed to bypass the turbine T through a waste pipe 23 and then released from the second muffler 162. Thereby, a revolution speed of the turbine is reduced to decrease a supercharged pressure. Thus, as the exhaust gas is released from the second muffler 162, supercharged pressure control may be reliably performed without any effect on back pressures of the turbine.

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第 1 図



第 2 図

